

## PL-400 Dumps

### Microsoft Power Platform Developer

<https://www.certleader.com/PL-400-dumps.html>



### NEW QUESTION 1

- (Exam Topic 1)

You need to address the user interface issues.

What should you do? To answer, drag the appropriate actions to the correct issues. Each action may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Actions	Requirement	Action
Add &ribbondebug=true to the end of the application URL.	Resolve rendering issue for New and Save buttons.	
Export the XML file.		
Modify the RibbonWSS.xsd file.	Add email button for registration form.	
Use Ribbon Workbench.		

- A. Mastered  
B. Not Mastered

**Answer:** A

#### Explanation:

Box 1: Add &ribbondebug=true to the end of the application URL.

Scenario: The captions for the New and Save buttons do not render properly on the form.

You can use the an in-app tool called the Command Checker to inspect the ribbon component definitions to help us determine why the button is not rendered correctly.

To enable the Command Checker, you must append a parameter &ribbondebug=true to your D365 application URL. For example:

<https://yourorgname.crm.dynamics.com/main.aspx?appid=9ab590fc-d25e-ea11-a81d-000d3ac2b3e6&ribbondeb>

Box 2: Use the Ribbon Workbench Adding Buttons to Ribbons

- Download and install Ribbon Workbench.
- Select a suitable ICON for your button.
- Create a solution.
- Edit the button in Ribbon Workbench.
- Publish and test.

Reference:

<https://support.microsoft.com/en-us/help/4552163/ribbon-troubleshooting-guide> <https://neilparkhurst.com/2015/10/19/adding-buttons-to-ribbons/>

### NEW QUESTION 2

- (Exam Topic 2)

You need to improve warehouse counting efficiency. What should you create?

- A. a flow that updates the warehouse counts as the worker performs the count  
B. a model-driven app that allows the user to key in inventory counts  
C. A Power BI dashboard that shows the inventory counting variances  
D. a canvas app that scans barcodes to allow a warehouse worker to select inventory counts

**Answer:** D

#### Explanation:

Scenario: Warehouse counting is performed manually by using a counting journal. All warehouse boxes and items are barcoded.

### NEW QUESTION 3

- (Exam Topic 2)

You need to ensure that Adventure Works Cycle can track information from visitors to bike fairs. What should you create?

- A. A workflow in Dynamics 365 Sales Engagement for capabilities leads  
B. A flow to capture customer data from the bike fair Power Apps in SharePoint and create a lead in Microsoft Teams.  
C. A flow that connects with the bike fair Power Apps to create a lead in Dynamic 365 Sales  
D. A Microsoft flow that generates a new customer record in SharePoint

**Answer:** C

#### Explanation:

By using a Dynamics 365 connector, you can create flows that initiate when an event occurs in Dynamics 365, or some other service, which then performs an action in Dynamics 365, or some other service.

Reference:

<https://docs.microsoft.com/en-us/power-automate/connection-dynamics365>

**NEW QUESTION 4**

- (Exam Topic 4)

A company needs to illustrate the relationships of the entities in Dynamics 365 Sales. You need to select the appropriate tool to show this graphic. Which tool should you select?

- A. Metadata diagram
- B. Sales Insights
- C. Power Automate
- D. Security model

**Answer:** A

**Explanation:**

Visual representation of metadata can be useful, especially when you are trying to describe the relationship between entities in the system. You can use the Metadata Diagram sample code provided for Dynamics 365 Customer Engagement (on-premises) to generate the entity relationship diagrams.

You can create a diagram that shows a relationship for just one entity, or a complex diagram that includes dozens of related entities, including custom and system entities. Reference:

<https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/developer/use-metadata-gener>

**NEW QUESTION 5**

- (Exam Topic 4)

A company uses SharePoint for its intranet and other functions. The company has also implemented model-driven apps.

SharePoint users must be able to create contact records in the Common Data Service (CDS), without having to navigate to the model-driven apps.

You need to create a link in SharePoint to open the CDS contact from displaying data from SharePoint. How should you complete the URL? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

`http://contoso.crm.dynamics.com/`  ?  =contact&

=param\_1%3DSharePoint&pagetype=

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

[https://contoso.crm.dynamics.com/main.aspx?etn=contact&extraqs=param\\_1%3D&pagetype=entityrecord](https://contoso.crm.dynamics.com/main.aspx?etn=contact&extraqs=param_1%3D&pagetype=entityrecord) Box 1: main.aspx

Example, to open the Active Contacts view. <https://myorg.crm.dynamics.com/main.aspx?etn=contact&pagetype=entitylist&viewid={00000000-0000-0000-0000-000000000000}> Box 2: etn

Etn: The logical name of the entity. Important: Do not use the etc (entity type code) parameter that contains an integer code for the entity. This integer code varies for custom entities in different organizations.

Box 3: Extraqs

Extraqs: Optional for forms. This parameter contains encoded parameters within this parameter.

When you open a new form by using the URL address, you can include arguments in the extraqs parameter to set field values

Note: You must encode the parameters passed in the extraqs parameter. To encode the parameters, use encodeURIComponent. To use special characters like "=" or "&" in the parameter values, you must double encode (e.g. to set name to A=B&C, it would be extraqs=name%3DA%253DB%2526C).

Box 4: entityrecord Reference:

<https://docs.microsoft.com/en-us/powerapps/developer/model-driven-apps/open-forms-views-dialogs-reports-url> <https://docs.microsoft.com/en-us/powerapps/developer/model-driven-apps/set-field-values-using-parameters-pas>

**NEW QUESTION 6**

- (Exam Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

A university has implemented Dynamics 365 Customer Engagement. Several departments use opportunity records to bid for funding for projects within their own departments.

Each department's opportunities are not visible to other departments. However, there are times when two departments need to work together on an opportunity.

You need to configure the security to meet the business requirements.

Solution: Use access team templates and give access to members in the two departments. Does the solution meet the goal?

- A. Yes
- B. No

**Answer:** A

**Explanation:**

Access Team template

The privileges assigned to the access team through Access Team Templates. Access Team template allows you to create a template for the entities on which

“Access Teams” option is enabled. You can grant or restrict access to the entity records through “Access Rights”. Essentially, this is like a record-based security model on an entity record for specific users.

Once the access team template is created and added to the entity form, you can start adding users. For example, on an opportunity record add a new user in the Access Team Template sub-grid.

Reference:  
<https://community.dynamics.com/crm/b/crmdevmigrationconfigandcustomization/posts/access-teams-and-acces>

**NEW QUESTION 7**

- (Exam Topic 4)

You are creating a business process flow for an organization’s Request for Quote process. You need to ensure that the business process flow meets the company’s requirements.

Which components should you use? To answer, drag the appropriate components to the correct requirements. Each component may be used once, more than once, or not at all. You may need to drag the split bar between panes to scroll to view content. Select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Components	Requirement	Component
Step	The process starts with the receipt of the request for quote.	
Stage	Ensure that credit checks are performed for new users only.	
Custom control		
Branching condition	Merge all process paths into the main flow.	

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

Box 1: Step  
Each step represents a field where data can be entered.

Stages tell you where you are in the process, while steps are action items that lead to a desired outcome. Box 2: Branching condition  
You can enhance a business process flow with branching. If you have the create permissions on business process flows, you’ll be able create business process flow with multiple branches by using the If-Else logic. Box 3: Stage  
Each stage contains a group of steps. Reference:  
<https://docs.microsoft.com/en-us/power-automate/business-process-flows-overview> <https://docs.microsoft.com/en-us/power-automate/enhance-business-process-flows-branching>

**NEW QUESTION 8**

- (Exam Topic 4)

A bank uses a Common Data Service solution to manage clients.

Bank representatives perform client credit checks while the client is present. Credit checks may take up to five minutes to complete.

Bank policy dictates that the bank representative’s app must stay blocked until credit checks are complete. You need to display a model-driven app while credit checks run to ask the bank representative and client to wait for the credit check to complete.

Which function should you use?

- A. Xrm.Navigation.openWebResource("prefix.myPoliteMessage.html")
- B. Xrm.Navigation.openAlertDialog(myPoliteMessage)
- C. Xrm.Utility.openWebResource("prefix\_myPoliteMessage.html")
- D. Xrm.Utility.showProgressIndicator(myPoliteMessage)

Answer: D

**Explanation:**

showProgressIndicator displays a progress dialog with the specified message.

Any subsequent call to this method will update the displayed message in the existing progress dialog with the message specified in the latest method call.

The progress dialog blocks the UI until it is closed using the closeProgressIndicator method. So, you must use this method with caution.

Reference:  
<https://docs.microsoft.com/en-us/powerapps/developer/model-driven-apps/clientapi/reference/xrm-utility/showp>

**NEW QUESTION 9**

- (Exam Topic 4)

You are creating a flow using the Common Data Service (CDS) connector. You need to select the appropriate triggers.

Which triggers should you use? To answer, drag the appropriate triggers to the correct scenarios. Each trigger may be used once, more than once, or not at all.

You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.



### Triggers

Record creation

Record selection

Record deletion

Record update

### Answer Area

#### Scenario

Choose accounts that are in the USA and send those account contacts an email.

Contacts that have not been modified in 60 days should no longer be in the system.

An area code has been mistyped in all records.

#### Trigger

Trigger

Trigger

Trigger

- A. Mastered  
B. Not Mastered

**Answer:** A

**Explanation:**

### Triggers

Record creation

Record selection

Record deletion

Record update

### Answer Area

#### Scenario

Choose accounts that are in the USA and send those account contacts an email.

Contacts that have not been modified in 60 days should no longer be in the system.

An area code has been mistyped in all records.

#### Trigger

Record selection

Record deletion

Record update

### NEW QUESTION 10

- (Exam Topic 4)

A company plans to replicate a Dynamics 365 Sales database into an Azure SQL Database instance for reporting purposes. The data Export Service solution has been installed. You need to configure the Data service.

Which three actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Create an Azure SQL Database service in the same tenant as the Dynamics 365 Sales environment.  
B. Enable auditing entities that must be replicated to Azure SQL database.  
C. Enable change tracking for all entities that must be replicated to Azure SQL Database.  
D. Set up server-based integration.  
E. Create an export profile that specifies all the entities that must be replicated.

**Answer:** ACE

**Explanation:**

Reference:

<https://docs.microsoft.com/en-us/power-platform/admin/replicate-data-microsoft-azure-sql-database>

### NEW QUESTION 10

- (Exam Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than once correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You are designing a one-way integration from the Common Data Service to another system.

You must use an Azure Function to update the other system. The integration must send only newly created records to the other system. The solution must support scenarios where a component of the integration is unavailable for more than a few seconds to avoid data loss.

You need to design the integration solution.

Solution: Register a service endpoint in the Common Data Service that connects to an Azure Service Bus queue.

Register a step at the endpoint which runs asynchronously on the record's Create message and in the portoperation stage.

Configure the Azure Function to process records as they are added to the queue. Does the solution meet the goal?

- A. Yes  
B. No

**Answer:** A

**Explanation:**

Microsoft Dataverse supports integration with Azure.

For the Dataverse and Azure connection to work, there must be at least one solution in an Azure Service Bus solution account, where the solution contains one or more service endpoints.

For a queue endpoint contract, a listener doesn't have to be actively listening. Reference:

<https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/azure-integration>

**NEW QUESTION 12**

- (Exam Topic 4)

You are creating a Power Apps app that retrieves customer information from Azure Active Directory when you use the app to look up a customer record.

You create an Azure Function by using JSON code to retrieve the customer information. You need to make the application work.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Create a Power Automate flow to import data.
- B. Create a custom connector that uses the Azure Function API.
- C. Copy your JSON code to the app.
- D. Create a custom connector that uses the JSON code.
- E. Create an API definition for the Azure Function.

**Answer:** BE

**Explanation:**

E: Before exporting an API, you must describe the API using an OpenAPI definition.

B: This OpenAPI definition contains information about what operations are available in an API and how the request and response data for the API should be structured. PowerApps and Microsoft Flow can create custom connectors for any OpenAPI 2.0 definition.

Reference:

<https://github.com/MicrosoftDocs/azure-docs/blob/master/articles/azure-functions/app-service-export-api-topow>

**NEW QUESTION 15**

- (Exam Topic 4)

A university manages grant applications using a model-driven app.

Users report that the message on the Grant Application screen is outdated. The screen shows the following:

Use the drop-down menus to select the answer choice that answers each question based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

Which Power Platform capability does the app use to display the message?

▼

- Business rule
- Logic app
- Flow
- Plug-in

What should the app maker do to prevent the message from displaying?

▼

- Update the field calculation.
- Update the rollup field.
- Update the automated flow.
- Update the business rule.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Reference:

<https://www.loganconsulting.com/blog/how-use-power-automate-trigger-workflows-microsoft-dynamics-crm/>

**NEW QUESTION 19**

- (Exam Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

An organization has an Azure SQL Database instance that must be synchronized daily with data from Dynamics 365 Sales. A large amount of data might need to be synchronized on some days.

You need to reduce the time required to synchronize data. Solution:

Enable change tracking for entities that will be synchronized.

Use the Data Export Service to sync data between the database and Dynamics 365 Sales. Does the solution meet the goal?

A. Yes

B. No

**Answer: A**

**Explanation:**

Large organizations that synchronize their data with external data sources can now enable entities for change tracking. You can export or retrieve a selected set of data, and then keep the external data warehouse in sync.

The Data Export Service is an add-on service made available on Microsoft AppSource that adds the ability to replicate data from Common Data Service database to an Azure SQL Database store in a customer-owned Azure subscription.

The Data Export Service intelligently synchronizes the entire data initially and thereafter synchronizes on a continuous basis as changes occur (delta changes) in the system.

You can use the Data Export Service with model-driven apps in Dynamics 365, such as Dynamics 365 Sales and Dynamics 365 Customer Service.

Reference:

<https://docs.microsoft.com/en-us/power-platform/admin/enable-change-tracking-control-data-synchronization> <https://docs.microsoft.com/en-us/power-platform/admin/replicate-data-microsoft-azure-sql-database>

**NEW QUESTION 23**

- (Exam Topic 4)

An organization has a Dynamics 365 Sales environment. You need to create a Power Apps component.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

**Actions**

**Answer Area**

Run the following `npm run build` command.

Run the `pac pcf init --namespace SampleNamespace --name ControlName --template field` command

Run the `pac solution init --publisher-name developer --publisher-prefix dev` command.

Run the `npm install` command.

Create a project folder.



A. Mastered

B. Not Mastered

**Answer: A**

**Explanation:**

Step 1: Run `pac pcf init --namespace ..`

This is the first command which creates basic folder structure of PCF control project. Run the following command to create the control. The format of the control is:

`pac pcf init --namespace <specify your namespace here> --name <put component name here> --template`

`<component type>`

Step 2: Run the `npm install` command Install Dependencies

Once 'init' sets up the basic folder, as a next step install all the PCF control dependencies using 'npm install' command.

Example:



```
C:\source\PCF\HelloWorld>npm install
npm WARN deprecated opn@6.0.0: The package has been renamed to `open`
npm WARN pcf-project@1.0.0 No repository field.
npm WARN pcf-project@1.0.0 No license field.
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.9 (node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.9: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})

added 653 packages from 497 contributors and audited 10328 packages in 19.295s
found 0 vulnerabilities
```

Now at this point, there is nothing we have actually created. However, the solution created contains sample PCF control code.

Step 3: Run the following np run build command Build PCF Component.

Once you implement the PCF component, build the code for any syntax errors. Syntax:

npm run build

```
> pcf-scripts build

[17:54:6] [build] Initializing...
[17:54:6] [build] Validating manifest...
[17:54:6] [build] Validating control...
[17:54:6] [build] Generating manifest types...
[17:54:6] [build] Compiling and bundling control...
[Webpack stats]:
Hash: 7836f673449072fa8d61
Version: webpack 4.28.4
Time: 1153ms
Built at: 10/02/2019 5:54:08 PM
    Asset      Size  Chunks             Chunk Names
bundle.js  6.34 KiB       0  [emitted]  main
Entrypoint main = bundle.js
[./HelloWorld/index.ts] 2.34 KiB {main} [built]
[17:54:8] [build] Generating build outputs...
[17:54:8] [build] Succeeded
```

Reference:

<https://rajeevpentyala.com/2020/03/21/power-apps-component-framework-pcf-demystify/> <https://carldesouza.com/creating-a-custom-component-using-the-powerapps-component-framework/>

#### NEW QUESTION 25

- (Exam Topic 4)

You are developing a model-driven app for the purchasing department of an organization. You provision a new test environment and a security role. You select users to test the apps and assign the users to a security group named TestSG.

If the tests succeed, a manager will perform additional testing in the production environment and then publish the app for the organization's purchasing department.

You need to ensure that the test and production environments are configured correctly. What should you do? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.



Scenario	Security artifact
Ensure that only test users can access the test environment.	<div>▼</div> <div> Set the test environment security group to TestSG.  Assign the test users the app security role.  Set the test environment security group to TestSG and assign test users the app security role. </div>
Ensure that only the manager can access the app in production.	<div>▼</div> <div> Set the production environment security group to TestSG.  Assign the manager the app security role.  Add the manager to the TestSG security group and grant the manager the app security role. </div>
Ensure that test users can access the app in production.	<div>▼</div> <div> Set the production environment security group to TestSG.  Assign the test users the app security role.  Set the production environment security group to TestSG and assign test users the app security role. </div>
Ensure that purchasing department users can access the test environment.	<div>▼</div> <div> Remove the security group TestSG associated with the test environment.  Assign all users the app security role.  Add all users in the department to the TestSG security group. </div>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Set the test environment security group to TestSG and assign test users the app security role.

PowerApps apps use role-based security for sharing. The fundamental concept in role-based security is that a security role contains privileges that define a set of actions that can be performed within the app. All app users must be assigned to one or more predefined or custom roles.

Box 2: Assign the manager the app security role.

Box 3: Set the production environment security group to TestSG Box 4: Add all users in the department to the TestSG security group. Reference: <https://docs.microsoft.com/en-us/powerapps/maker/model-driven-apps/share-model-driven-app>

**NEW QUESTION 28**

- (Exam Topic 4)

A company uses five different shipping companies to deliver products to customers. Each shipping company has a separate service that quotes delivery fees for destination addresses.

You need to design a custom connector that retrieves the shipping fees from all the shipping companies by using their APIs.

Which three elements should you define for the custom connector? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Authentication model
- B. Address parameter
- C. OpenAPI definition
- D. Fee parameter
- E. Fee reference

**Answer:** ABC

**Explanation:**

C: You can create a custom connector using a OpenAPI definition file or a URL to OpenAPI definition. B: On the Security page you get to choose how to authenticate to the API.

← Connector Name Trefle

1. General > 2. Security > 3. Definition > 4. Test ✓ Create connector ✕ Cancel

### Security

Choose the authentication type and fill in the required fields to set the security for your custom connector.  
[Learn more](#)

#### Authentication type

Choose what authentication is implemented by your API \*

API Key

[Edit](#)

#### API Key

Users will be required to provide the API Key when creating a connection

Parameter label \*

API Key

Parameter name \*

API-nyckel

Parameter location \*

Header

[Edit](#)

← General Definition →

A: If you were to create a Custom Connector from scratch, then you would have to study the API you have chosen and type in the URL manually here.

### Request

+ Import from sample

#### Verb \*

The verb describes the operations available on a single path.

GET

#### URL \*

This is the request URL.

`https://trefle.io/api/plants/{id}`

#### Path

Path is used together with Path Templating, where the parameter value is actually part of the operation's URL.

\* id ...

#### Query

Query parameters are appended to the URL. For example, in /items?id=####, the query parameter is id.

\* token ...

#### Headers

These are custom headers that are part of the request.

#### Body

The body is the payload that's appended to the HTTP request. There can only be one body parameter.

Reference:

<https://carinaclaesson.com/2019/09/06/setting-up-a-custom-connector-from-an-openapi-file-and-utilizing-it-in-p>

**NEW QUESTION 30**

- (Exam Topic 4)

You fix a bug in the code of your application, which is currently on version 10.0.2.1. You need to publish an updated version of the solution.

Which version identifier should you use?

- A. 10.0.3.1
- B. 10.0.2.2
- C. 10.1.0.2
- D. 11.0.0

**Answer:** A

**Explanation:**

The version number are <major>.<minor>.<build>.<revision>.

When we create patches in Dynamics 365, the system will automatically increment the build version (you can overwrite the chosen number when you create the patch). For example, if our solution starts at 1.0.0.0, we export it to become 1.0.0.1. We then create a patch, and the version of the patch is 1.0.1.1. If we export it now, it might become 1.0.1.2. In all cases, the build or version number has been incremented. Patches require the build or version number to increment, but not the major or minor version.

Reference:

<https://carldesouza.com/how-solution-version-numbers-work-in-the-microsoft-power-platform/>

**NEW QUESTION 32**

.....



## Thank You for Trying Our Product

\* 100% Pass or Money Back

All our products come with a 90-day Money Back Guarantee.

\* One year free update

You can enjoy free update one year. 24x7 online support.

\* Trusted by Millions

We currently serve more than 30,000,000 customers.

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